

TITLE: VARIABLE CAPACITY ROTARY
COMPRESSOR

INVENTORS: Moon Joo LEE et al.

SERIAL NO.:

DOCKET NO.: 1594.1324

FIG. 1

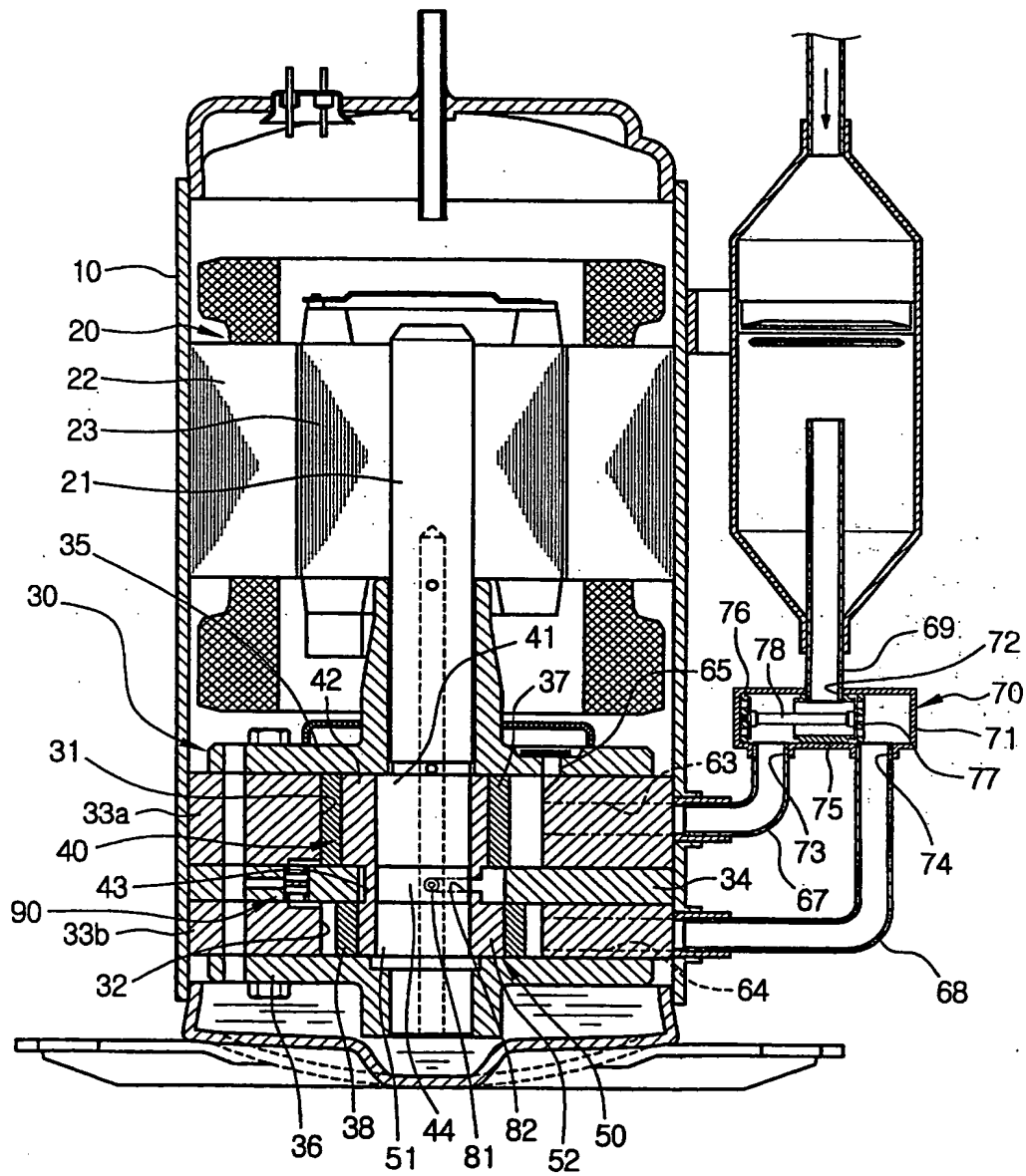


FIG. 2

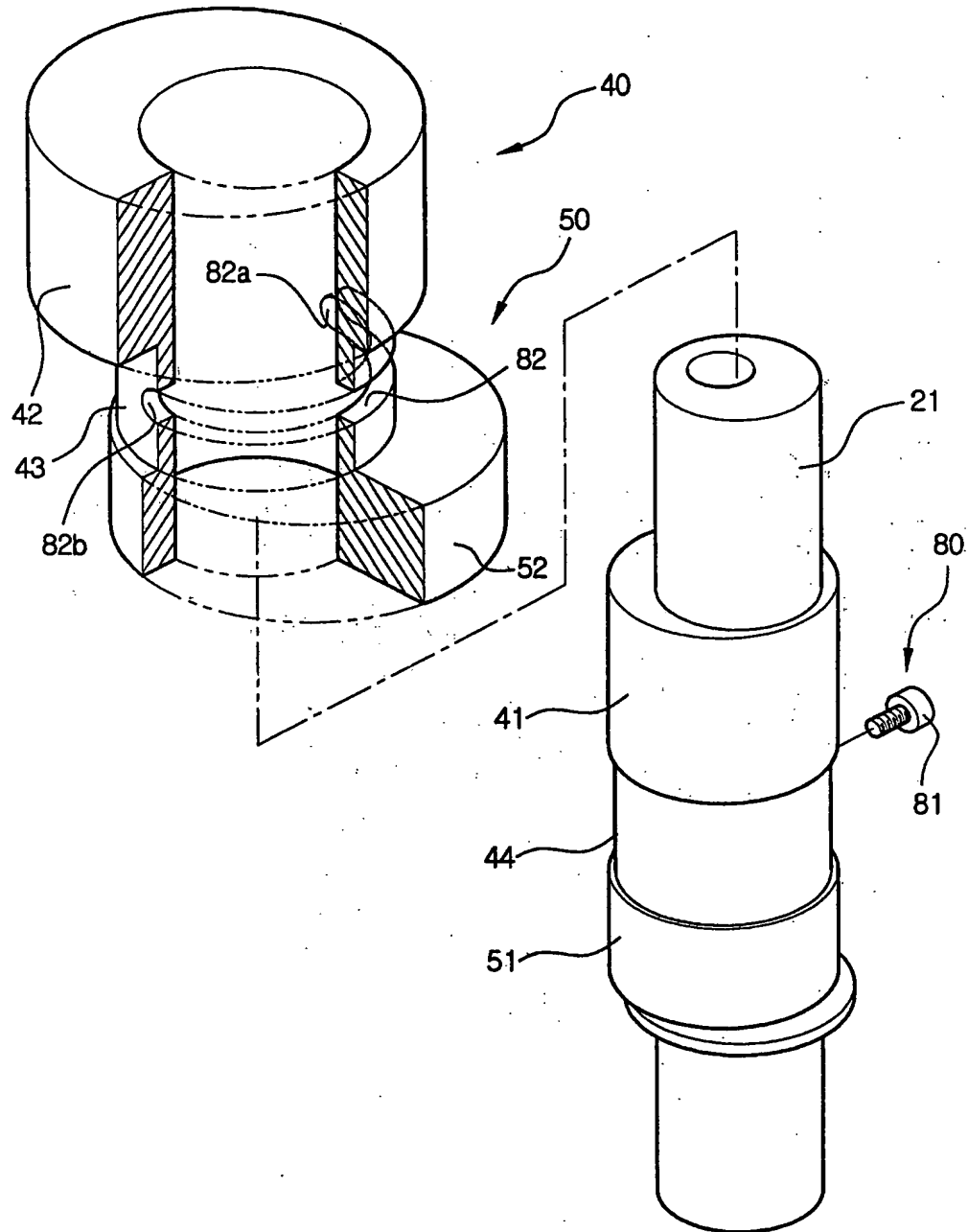


FIG. 1 is a cross-sectional view of a circular mechanical assembly. The assembly includes a central shaft (10) with a pin (61) and a spring (63) mechanism. A central hub (80) is surrounded by a ring (82) with a central bore (81). The outermost ring (31) has six bolt holes (90) and a dashed line (92) indicating a section. Various other components are labeled with numbers 1 through 93.

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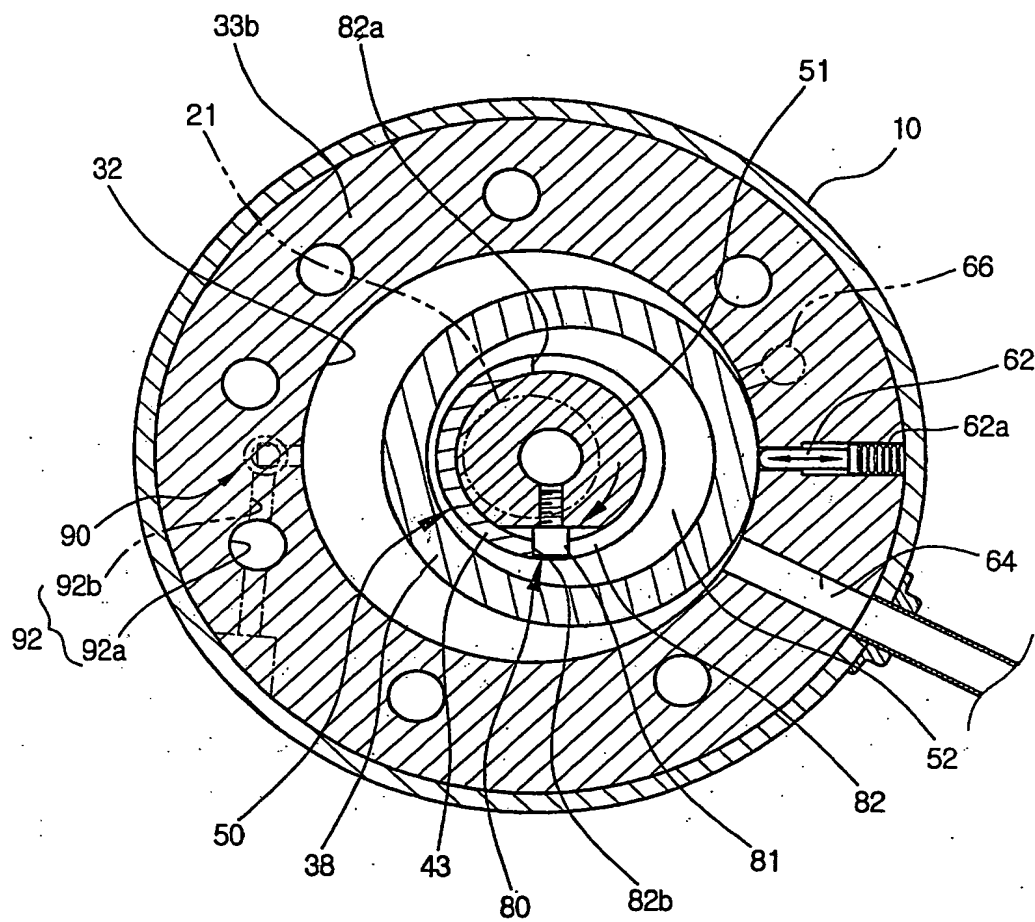


FIG. 7

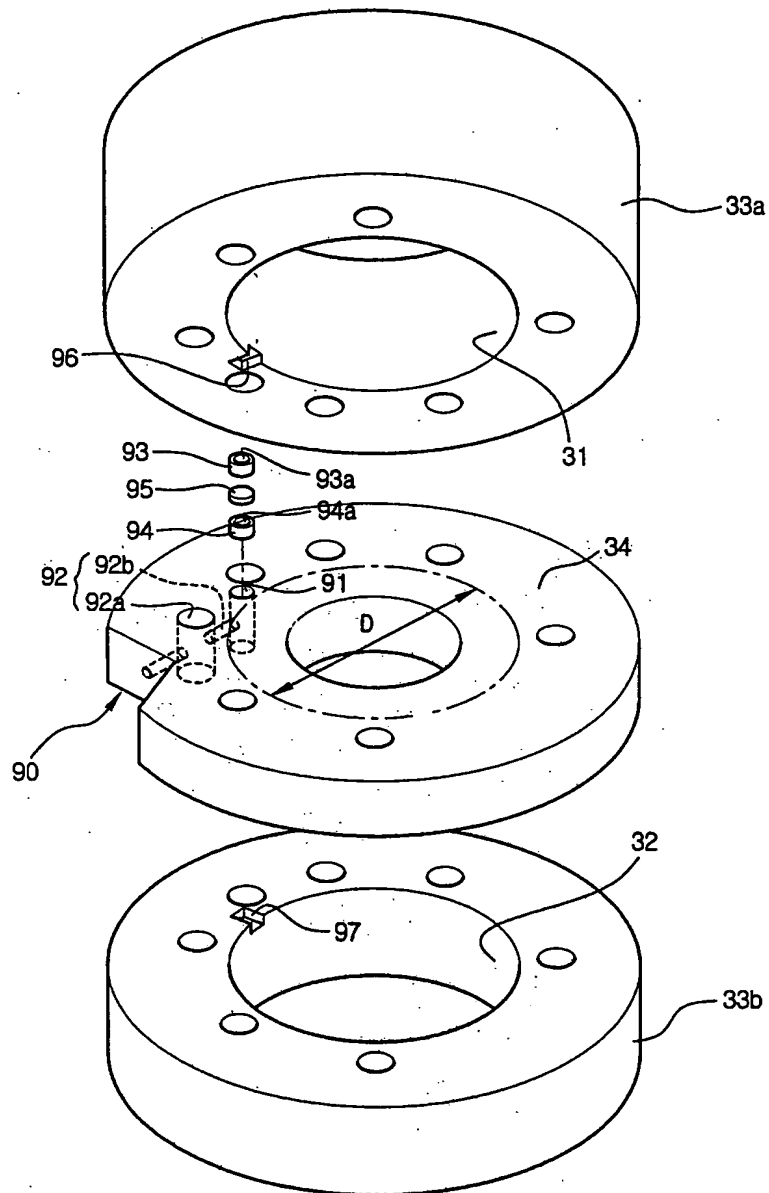
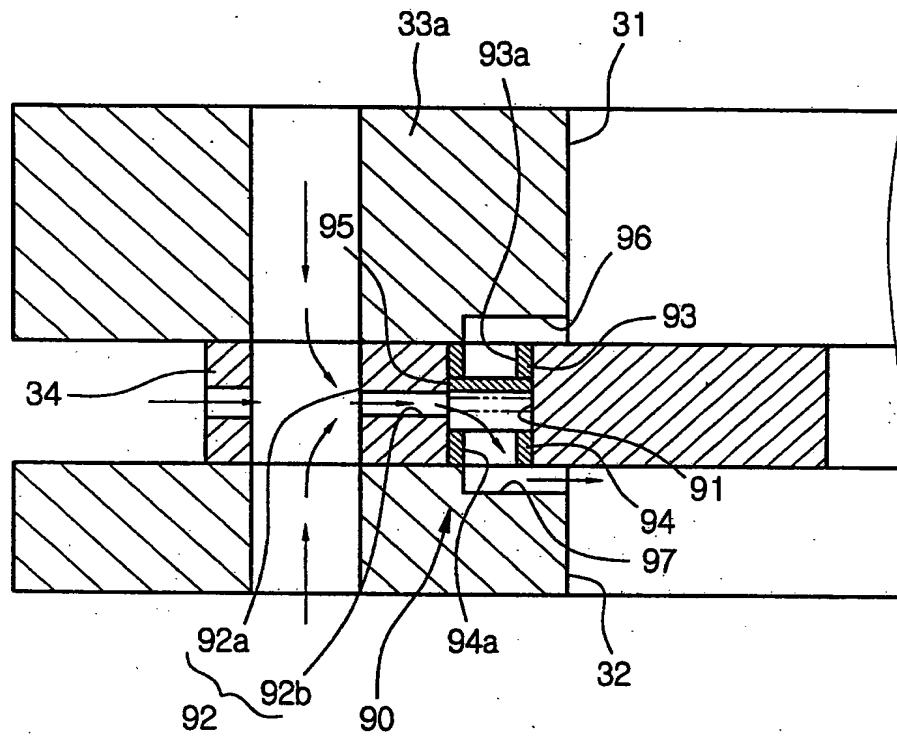


FIG. 8



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This cross-sectional view shows a central gate structure (93) on a substrate (31). The gate structure includes a gate dielectric (96) and a gate electrode (93). The substrate is divided into regions (32, 33a, 34) by vertical boundaries. A central region (91) is defined by the gate structure. Arrows indicate electrical connections or signal paths: 92a and 92b point to the central region (91), 94a points to the gate electrode (93), and 94 points to the gate dielectric (96). A dashed line (95) indicates a boundary or interface. A bracket (90) groups the central region (91) and the gate electrode (93). A bracket (92) groups the central region (91) and the gate dielectric (96). A bracket (93) groups the gate electrode (93) and the gate dielectric (96). A bracket (94) groups the gate dielectric (96) and the gate electrode (93). A bracket (95) groups the central region (91) and the gate dielectric (96). A bracket (96) groups the gate dielectric (96) and the gate electrode (93). A bracket (97) groups the gate dielectric (96) and the gate electrode (93). A bracket (98) groups the gate dielectric (96) and the gate electrode (93). A bracket (99) groups the gate dielectric (96) and the gate electrode (93). A bracket (100) groups the gate dielectric (96) and the gate electrode (93).